AEE/SSD/SBR-000020/2020-21 dt. 18-07-2020.

BR-62/24/07/2020

2nd and final bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487507

Serial No. .....

Name of work Construction of Bedroom and other civil works at Ambedkar Bhavan (Balance portion) in Mallasandra colony

Name of Contractor of nature of Agency

Date of commencement of work Ward No. 13, Shetty halli sub-Division.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost :	72.00 Lakhs					
	Work order :	EE/DD/WO/534/2019-20 - Dt 30/01/2020.					
	Name of Agency :	The Technical manager KRIDL					
	Job Code :-	013-20-000062					
	A.S. :	EE/DD/AS/166/2019-20 - Dt 30/10/2019					
	T.S :	SE/D2/01/2019-20 - Dt 14/01/2020.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL NO.	Description of works						
	1) Earth work Excavation for foundation of building water, Sanitary lines and electrical conduits either in pit or trenches.						
	2) Earth work Excavation by manual means to roads drains, and similar works in ordinary soil involving, excavated surface						
	3) providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs with 40mm and down size.						
	4) providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC @300kg with 20						
	5) providing and laying in position plain cement concrete mix 1:2:4 with OPC @ 240kg with 20mm and down size graded						
	6) providing and laying in position reinforced cement concrete cum of design mix M25 with OPC cement @ 340kgs with 20mm down						

M. A. R. 57 (Rule 116) No. E 487508

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date / Unit	previous measurement Full description, etc; of work				Present measurement			up to date		Reference to last Measurement
	Qty	Rate	Amount	Number	Length	Breadth	Depth	Contents Qty	Amount	
	1	2		3	4	5	6	7	8	
cum	0.00	484.92	0.00	0.00	130.72		63388.74	130.72	63388.74	
cum	0.00	203.77		0.00	25.74		5245.04	25.74	5,245.04	
cum	0.00	5698.58		0.00	44.17		251706.28	44.17	251706.28	
cum.	0.00	7189.42		0.00	10.43		74985.65	10.43	74985.65	
cum.	0.00	5952.93		0.00	10.14		60362.71	10.14	60362.71	
					0.45		3028.97	51.12	344691.79	
Cum	50.67	6731.06	341	062.81	0.53		3567.46	51.20	344630.27	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL NO	Description of work.						
7)	providing pre cast slab 100 mm thick including cost of all materials labour, curing trasportation						
8)	providing pre cast slab 250 mm thick including cost & all materials labour, curig trasportation.						
9)	providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800 kg/m3						
10)	providing and laying in position reinforced cement concrete mix. of design mix - M-20 Class.						
11)	providing TMT steel reinforcement to R.C.C work including straightening cutting, bending. Etc.						
12)	providing removing centering and shuttering proping						

M. A. R. 57 (Rule 116) No. E 487509

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Previous measurement. Full description, etc, of work			Present measurement. Dimensions				Up to date Contents	Difference to last Measurement
Unit 1	Qty 2	Rate 2	Amount 3	Number 4	Length 4	Breadth 5	Depth 6	Qty 7	Amount 8
Sqm	0.00	2337.00		0.00	6.29		14699.73	6.29	14,699.73
Sqm	0.00	5418.00		0.00	13.50		73143.00	13.50	73,143.00
Sqm	360.30	1070.93	385,531.81	0.00			0.00	360.30	3,85,531.81
Sqm.	13.68	490.32	6707.58	0.00			0.00	13.68	6707.58
ton	6.60	76643.28	510444.24	0.69			52883.86	7.35	5,63,328.11
Sqm	71.68	2492.48	35,300.97	10.20			5023.30	81.88	40329.26

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
L NO	Description of work.						
	13, providing and removing centring shattering strutting propping etc.						
	14) providing and removing centring shattering strutting propping Etc and removal of form work.						
	15) providing and removing centring shattering strutting propping etc for chajja. Cordels Etc.						
	16, providing Honne wood frame of doors windows clerestory window ventilators and other frames.						
	17) providing and fixing in position fully panelled Honne wood, shutters for doors						
	18) Solid panel PVC door shutter providing and fixing 20 mm thick factory made rigid foam panel door						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

487510

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date / Unit	Full description, etc, of work	previous measurement Qty	Rate	Amount	Number	Length	Breadth	Depth	Contents	up to date Qty	Amount	Reference to last Measurement
1	2			3	4		5	6			8	
Sqm		317.60	626.40	198,944.64		2.01		1259.06		319.61	2,00,203.70	
Sqm		37.08	315.36	11693.55		0.00	—	0.00		37.08	11,693.55	
Sqm		16.83	348.84	5870.98		0.00	—	0.00		16.83	5870.98	
Cum		0.78	94612.32	73797.61		0.00	—	0.00		0.78	73,797.61	
Sqm		0.00	5099.76	— 0.00		10.80		55 097.41		10.80	55,077.41	
Sqm		0.00	2999.16	0.00		8.10		24293.20		8.10	24293.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No	Description of works						
19)	providing and fixing m.s grill work for windows and ventilator weighs 8 kg/sqm						
20)	providing and fixing in position collapsable steel shutter						
21)	providing and fixing in position anodized aluminium windows and ventilators as per approved.						
22)	providing 12mm thick cement plastering in single coats with Cement mortar 1:3						
23)	providing 18mm thick cement plaster in single coat with cement mortar 1:3						
24)	providing line rendering for plastering to wall and ceiling						
25)	providing 20mm thick cement plastering in single coat with cement Mortar 1:3.						

M. A. R. 57 (Rule 116) No. E 487511

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Previous Measurement / Full description, etc. of work			Present measurement / Dimensions			Up to date Contents	Reference to last Measurement
Unit	Qty	Rate	Amount	Number	Length	Breadth / Depth	Qty	Amount
1	2		3	4	5	6	7	8
Kg	574.56	102.60	58949.86	0.00	—	0.00	574.56	58,949.86
Sqm	0.00	5626.80	0.00	5.04	28359.07		5.04	28,359.07
Sqm	0.00	4725.00	0.00	35.28	166698.00		35.28	1,66,698.00
Sqm	209.00	256.28	53562.52	0.00	0.00		209.00	53,562.52
Sqm	476.08	301.80	1,43,680.94	0.00	0.00		476.08	1,43,680.94
Sqm	687.25	34.56	23751.36	0.00	0.00		687.25	23,751.36
Sqm	0.00	304.37	0.00	466.04	141848.59		466.04	141848.59

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No.	Description of work						
26)	providing and laying flooring using prepolished						water cutty
	gauge saw-cut tile grouted						
27)	providing and laying Integrated cement based						water proofing
	treatment including preparation of surface						
28,	providing and fixing on wall surface 4.0 kg/sqm HDPE						
	rain water pipes conforming to						
29)	providing and fixing to wall ceiling and floor high density polythe						
	pipe 6.00 kg/sqcm						
30,	providing and fixing White vetreous china clay water closet						
	orissa pattern of size 580 x 440 mm						
31	providing and fixing White vetreous china clay water closet						
	European type.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487512

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date / Unit	Previous measurement. Full description, etc, of work. Qty	Rate	Amount	Present measurement. Dimensions. Number	Length	Breadth	Depth	Qty	Amount	up to date Contents Qty	Reference to last Measurement Amount
	1	2	3	4			5	6		7	8
Sqm	282.24	2961.20	8,35,680.25	126.72			375924.34	409.16		409.16	12,11,604.59
Sqm	195.91	1099.50	215403.05	0.00			—	0.00		195.91	215,403.05
Rmt	0.00	414.46	0.00	41.90			17,365.87	41.90		41.90	17,365.87
Rmt	0.00	785.46	0.00	63.90			50,190.89	63.90		63.90	50190.89
NO,	0.00	4561.92	0.00	6.00			27371.52	6.00		6.00	27371.52
ND	0.00	5352.48	0.00	6.00			32114.88	6.00		6.00	32114.88

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl NO	Description of work						
32,	providing and fixing white vetreous china clack flat back wash basin 630x450 mm						
33	providing and fixing white vetreous china clay flat back lipped front urinal basin 430x260x350 mm						
34,	providing and fixing skirting, dado, risers of steps with colour glazed tiles on 10mm thick cement plastering 1:3						
35,	providing ceramic tiles of approved make shade and size for flooring, treads of steps						
36,	providing and fixing 7.5 cms to 15 cms dia MP grating with						
37.	providing and fixing CI nahni trap of approved make						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

487513

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Previous measurment Full description, etc, of work				Present measurement Dimensions				up to date Reference to last Measurement
	Qty	Rate	Amount	Number	length	Breadth	Depth	Contents Qty	Amount
1		2		3	4	5	6	7	8
NO	0.00	3400.92	—	0.00	6	20405.52		6.	20405.52
NO,	0.00	3317.76	—	0.00	6.	19,906.56		6.	19.906.56
Sq.M	0.00	1764.62	—	0.00	131.09	231324.04		131.09	2,31,324.04
Sq.M	0.00	1309.28	—	0.00	15.12	19796.31		15.12	19796.31
each	0.00	162.00	—	0.00	24.00	3888.00		24.00	3888.00
each	0.00	270	—	0.00	12.00	3240.00		12.00	3240.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No	Description of Work						
38,	providing and fixing chlorinated poly vernyl chloride(CPVC) pipe 25 mm OD Pipes						
39	providing and fixing chlorinated poly vernyl chloride CPVC Pipes 32 mm O.D Pipes						
40,	providing and fixing in positive brass bib cock						
41	providing and fixing in positive brass gate valve.						
42	providing and fixing stainless steel kitchen sink of bowl depth 178 mm						
43,	providing and fixing in positive brass stop cock.						
44	providing NP/CP waste unions 32 mm dia						

M. A. R. 57 (Rule 116) **No. E** 487514

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date / Unit	Previous Measurement — Full description, etc, of work			Number	Present Measurement — Dimensions			Contents	Up to date Reference to last Measurement
	Qty	Rate	Amount		Length	Breadth	Depth	Qty	Amount
1		2		3	4	5	6	7	8
RMt	0.00	316.44	—	0.00	59.40	18,796.54		59.40	18796.54
RMt	0.00	403.92	—	0.00	25.00	10,098.00		25.00	10098.00
each	0.00	205.20	—	0.00	35.00	7182.00		35.00	7182.00
each	0.00	362.88	—	0.00	22.00	7983.36		22.00	7983.36
NO,	0.00	15394.32	—	0.00	4.00	61577.28		4.00	61577.28
NO	0.00	152.28	—	0.00	6.00	913.68		6.00	913.68
each	0.00	129.60		0.00	4.00	518.40		4.00	518.40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No,	Description of work.						
45)	Constructing brick masonry Inspection chamber 600x600mm and 450 mm depth (clear inside dimension)						
46)	providing and placing on terrace polythylene water storage tanks with man hole lid and suitable locking arrangements.						
47)	providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall						
48)	providing and finishing external walls in two coats with water proof						
49	Applying primer coat over new wood surface						
50,	providing and applying plastic two coats one new wood surface						

M. A. R. 57 (Rule 116) No. E 487515

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date / Unit	previous measurment Full description, etc, of work Qty	Rate	Amount	pressent Dimensions measurment Number	Length Qty	Breadth	Depth Amount	UPto date Contents Qty	Reference to last Measurement Amount
1	2		3	4	5	6		7	8
NO,	0.00	9169.20	0.00	10.00	91692.00			10.00	91692.00,
NO,	0.00	7374.24	0.00	2.00	14748.48			2.00	14748.48,
Sqm	0.00	97.20	0.00	1094.26	106362.07			1094.26	106362.07
SqM	0.00	110.16	0.00	705.58	77726.69			705.58	77726.69
SqM	0.00	54.00	0.00	55.28	2985.12			55.28	2985.12
Sqm	0.00	104.76	0.00	55.28	5791.13			55.28	5791.13

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl No	Description of work						
51,	Applying red lead ready mix priming coat over new steel or other metal surface.						
52,	providing and applying Enamel metal paint two coats over new steel or other metal surfaces						
53)	providing and fixing wall, ceiling and floor high density polythylene Pipe 6 kg/sqcm working pressure 110 mm OD						
54	fabricating providing and Erecting in position Hot dip galvanized gate using 75x75x450 sqm GI pipe frame						
55,	Retangular shape mirror of size 1500x450mm						
56,	Proving ad fixing self supported ribbed high quality high grade pre-painted Galvalume Steel roofing						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 487516

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date / Unit 1	Previous measurement. Full description, etc, of work			Present Dimensions measured			up to date Contents	Reference to last Measurement
	Qty 2	Rate	Amount 3	Number / Length 4	Breadth 5	Depth / Amount 6	7	8
Sqm	0.00	44.28	0.00	32.40	1434.67		32.40	1434.67
Sqm	0.00	102.60	0.00	32.40	3324.24		32.40	3324.24
Rmt	0.00	642.60	0.00	54.00	34700.40		54.00	34700.40
Sqm	0.00	12475.03	0.00	17.44	217564.52		17.44	217564.52
No.	0.00	1006.56	0.00	10.00	10065.60		10.00	10,065.60
Sqm	107.35	1684.80	180863.28	15.54	26181.79		15.54	26181.79

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
SL NO.	Description of Work						
	57) fabricating supplying and erecting ms tubular tru of all spans as quality materials and are durable						
	58) providing and fixing Stainless Steel 304 Grade for Staircase railing, balconies, ramps with Hand rail 90 mm Dia						
	59) manufacturing supplying and fixing wooden wood robe of 0.60m deep using 19mm thick WBP bonded water proof block board						
	60) providing and laying in position to required level or slop 230 mm Internal diameter salt glazed stone ware pipe						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶಿಡ್ಲಘಟ್ಟ ಉಪವಿಭಾಗ ನಗರ ಪಾಲಿಕೆ

Audited and admitted for Rs. 3302085=00

Passed by Cheque for Rs. 2964067=00

Twenty Nine Lakhs Sixty four Thousand Sixty Seven only

3380 18 = 00

M.A. R. 57 (Rule 11 ... lo. E

Measurement Book

487517

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

According to Rates & measurement — E.E. Engineer — Pre & post measurement — upto date

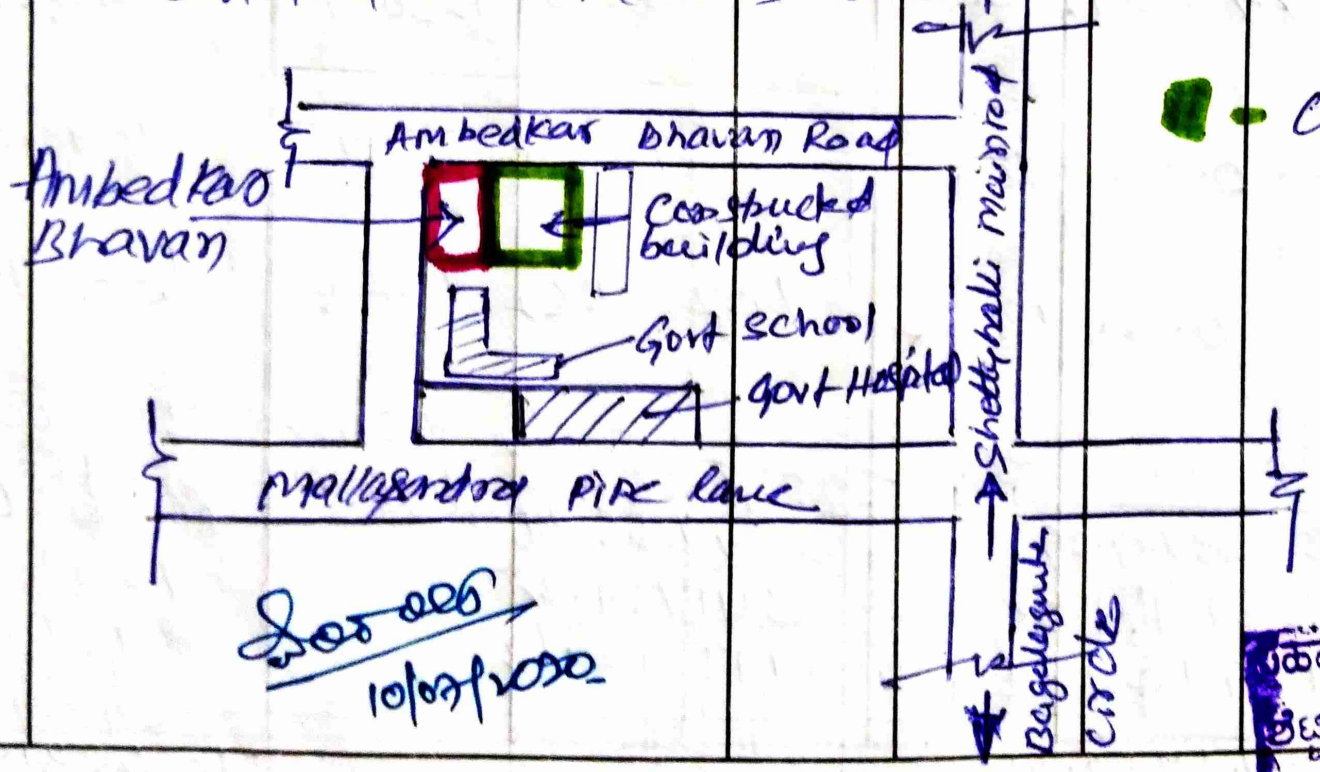
Date	Full description, etc. of work	Number Qty B.D	Number Rate	Number Amount	Dimensions Length Qty	Dimensions Breadth	Dimensions Depth	Contents Qty	Reference to last Measurement Amount
1	2			3	4	5	6	7	8
Kg		1230.43	119.58	147503.95	0.00	—	0.00	1230.43	1,47,503.95
SqM		0.00	6502.68	0.00	16.91	109960.32	16.91		109960.32
Sqm		0.00	11612.16	0.00	15.75	182891.52	15.75		182,891.52
RMt		0.00	568.16	0.00	55.00	31248.80	55.00		31248.80
				3228749.89		2846625=00 2846625=00			6075374=00
	Add GST 12%			387,449.87		284781.88			60,765.88
	Add 4% KRIDL			129149.96		341737.88			729187.81
						113912.62			243062.60
						341735=00			729045=00
						113912=00			243015=00
10/07/2020	Total Rs =			3745350.00		3303466.17			7048815.46
				3745349=00		3302085=00			7047434=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Certificate:

Certified that the contractor has work done satisfactorily
Certified that the Contractor has removed the debris from work site
Certified that there is no departmental Issues made by contractor



ಶಿವರಾಜ
10/07/2020

ಸಹಾಯಕ ಕಾ...
ತಿಪ್ಪಿಹಳ್ಳಿ ಉಪ...
ಬೈಪಾಸ್ ರಸ್ತೆ

ಸಹಾಯಕ ಅಭಿಯಂತರರು, 10/7
ಸರಹಳ್ಳಿ ವಲಯ
ನಗರ ಪಾಲಿಕೆ
...ರ, ಬೆಂಗಳೂರು